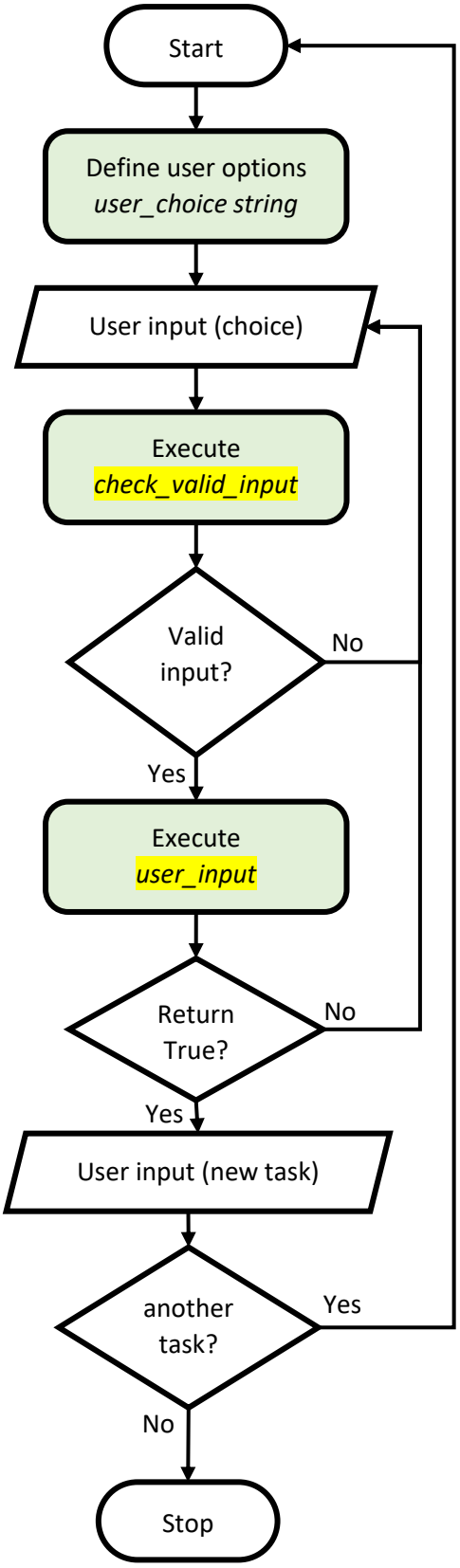
Workflow of tasks for week 2

Highlighted text indicates routines that can be accessed by pressing ctrl-click

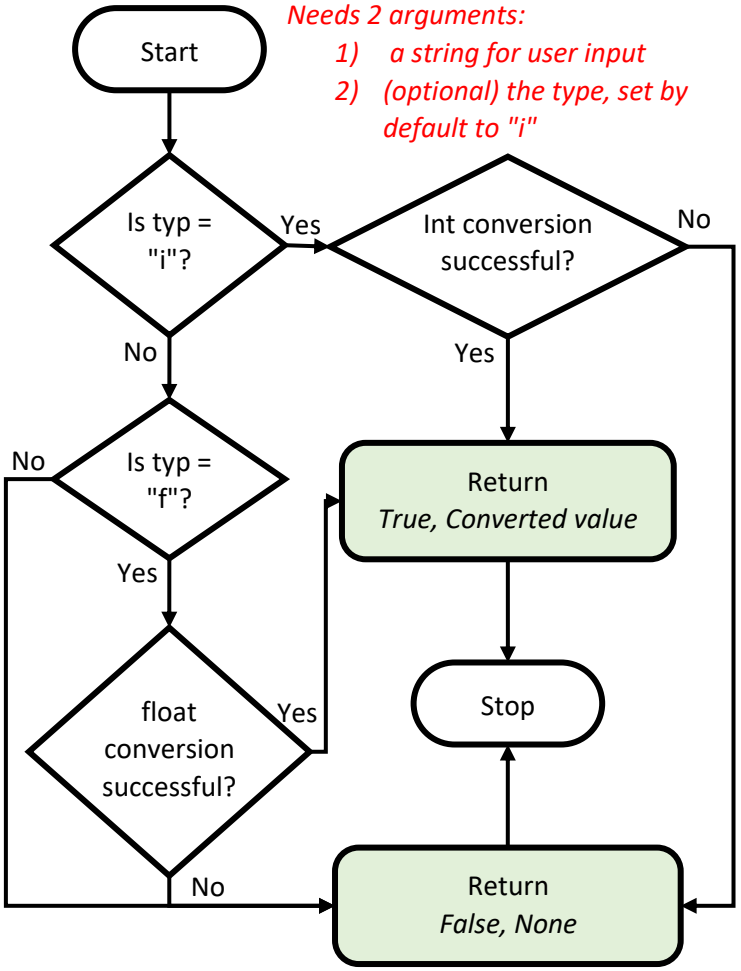
MAIN



FUNCTION: check_valid_input

Needs 2 arguments:

1) *a string for user input*
2) *(optional) the type, set by default to "i"*

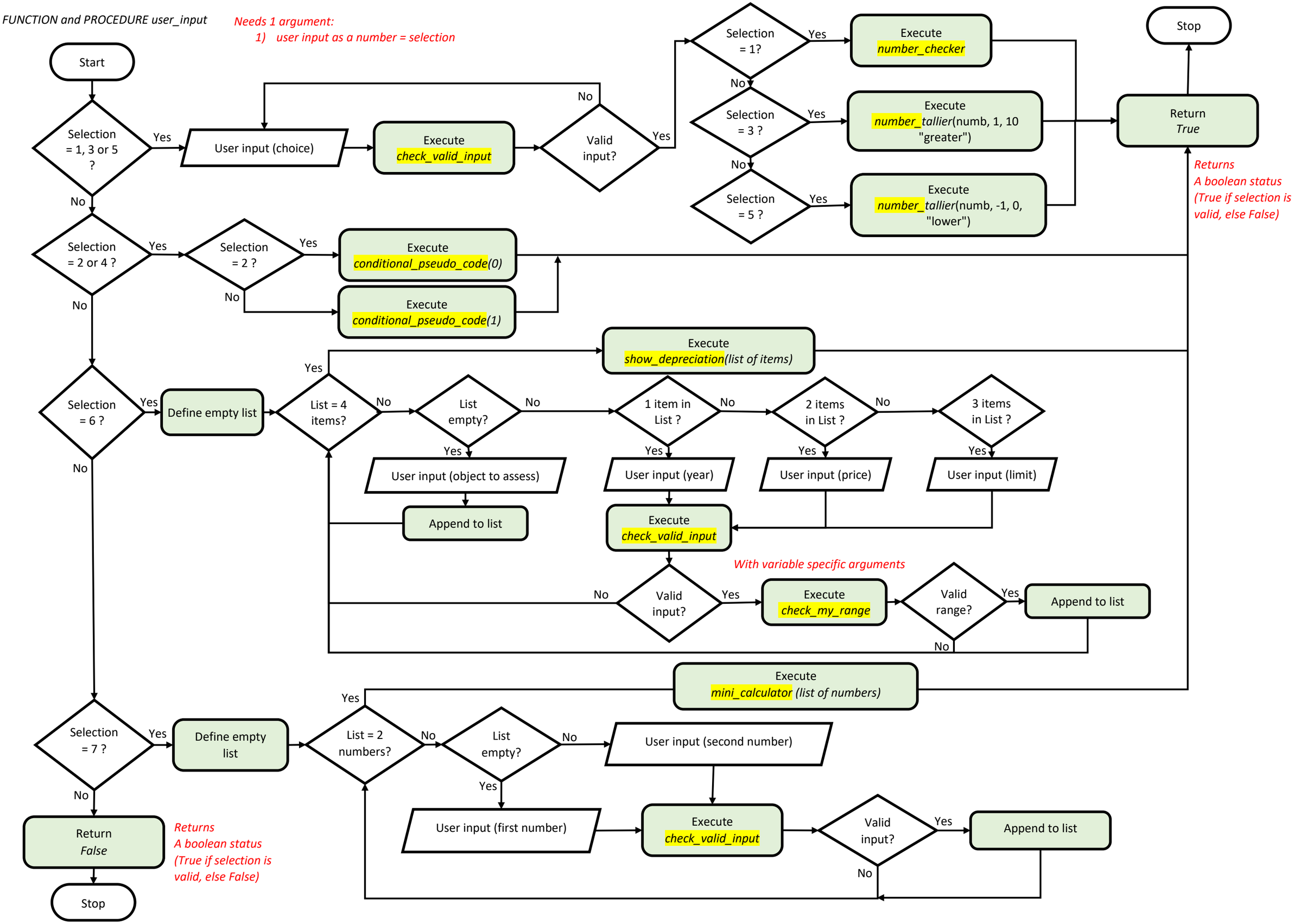


Returns

1) *a boolean status (True is conversion successful, else False)*
2) *the numerical conversion of the user input if status is True else None*

FUNCTION and PROCEDURE user_input

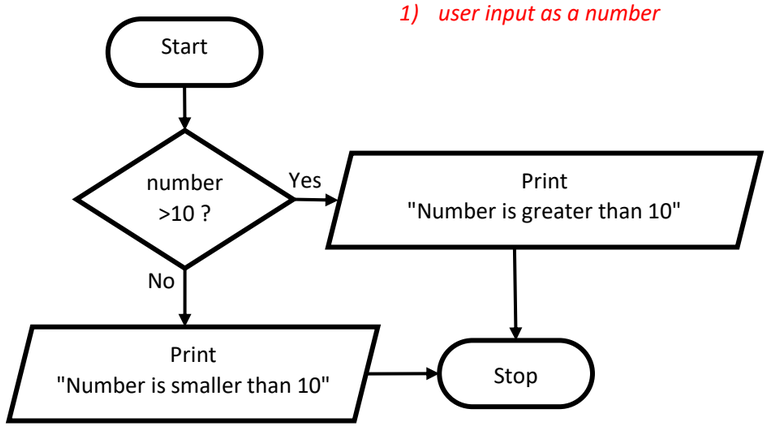
Needs 1 argument:
1) user input as a number = selection



PROCEDURE number_checker

Needs 1 argument:

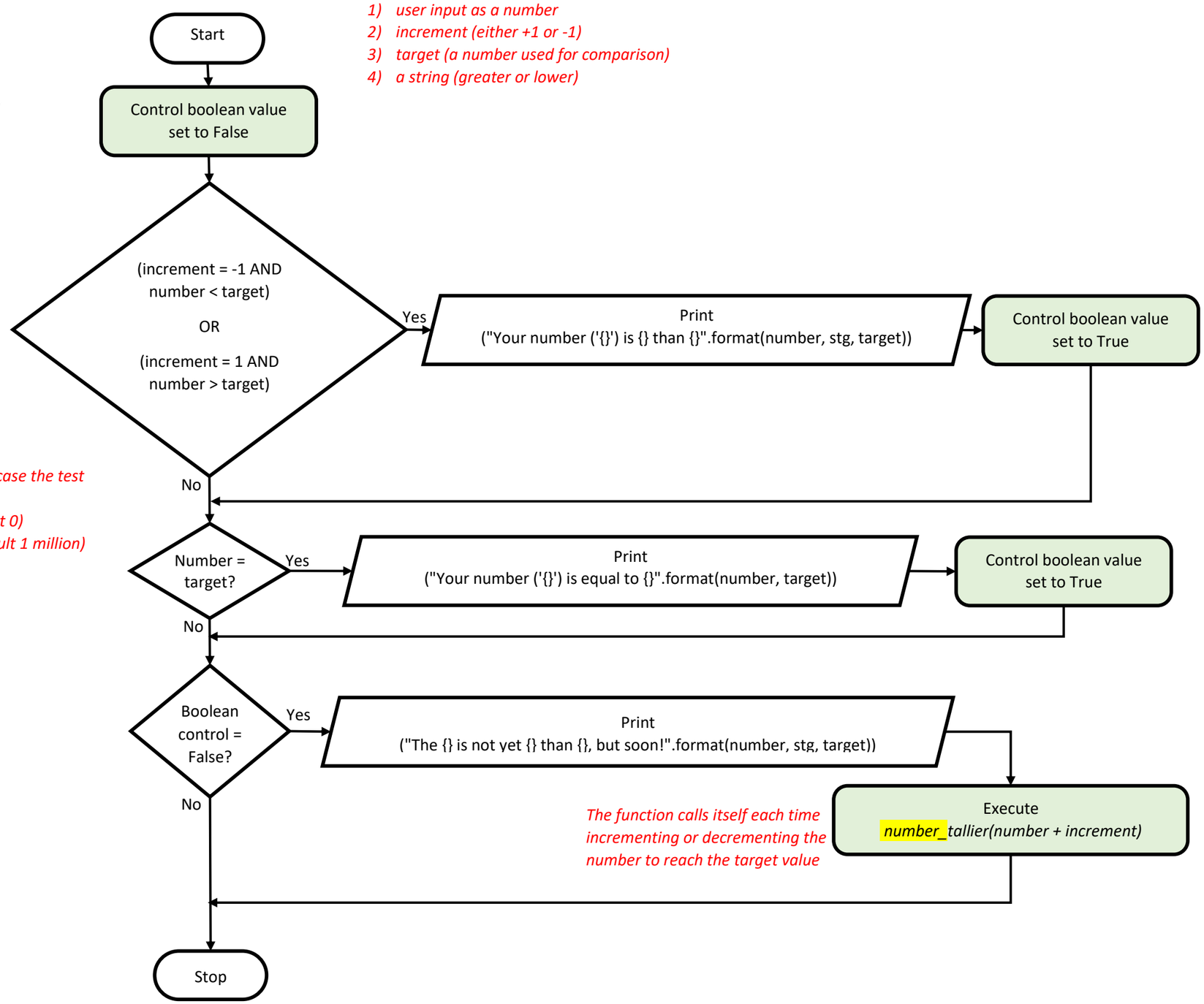
1) *user input as a number*



PROCEDURE number_tallier

Needs 4 arguments:

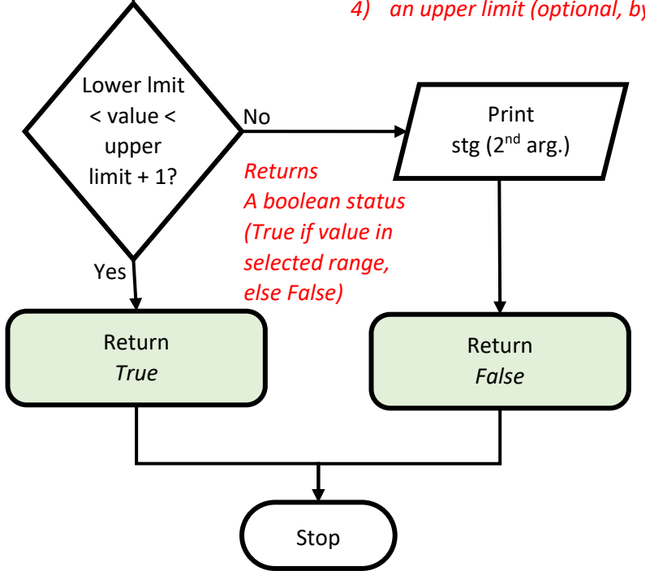
1) *user input as a number*
2) *increment (either +1 or -1)*
3) *target (a number used for comparison)*
4) *a string (greater or lower)*



FUNCTION check_my_range

Needs 4 argument (3 optional):

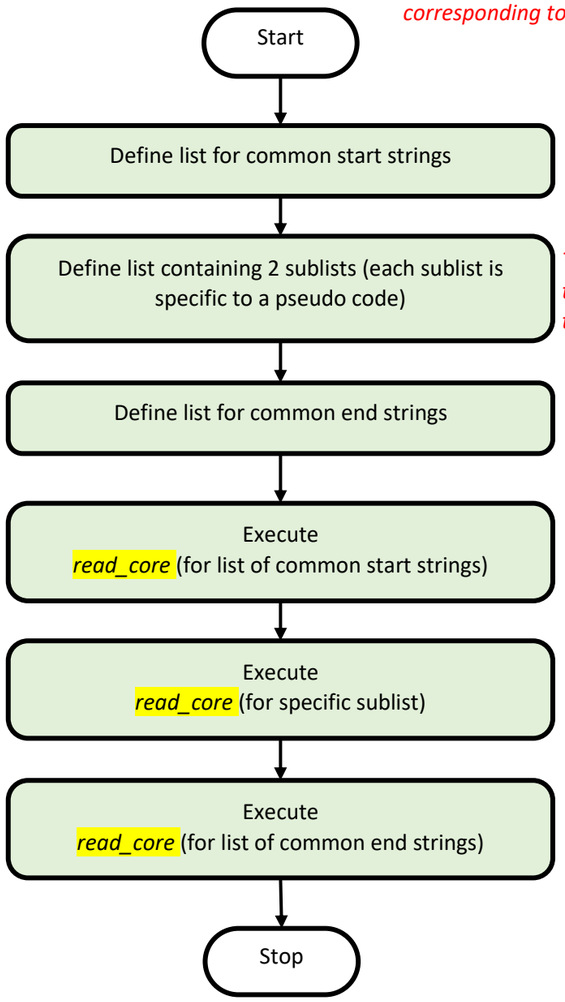
1) *the value to check*
2) *a string for the print function in case the test fails (by default empty string)*
3) *a lower limit (optional, by default 0)*
4) *an upper limit (optional, by default 1 million)*



Returns
A boolean status
(True if value in selected range, else False)

PROCEDURE conditional_pseudo_code

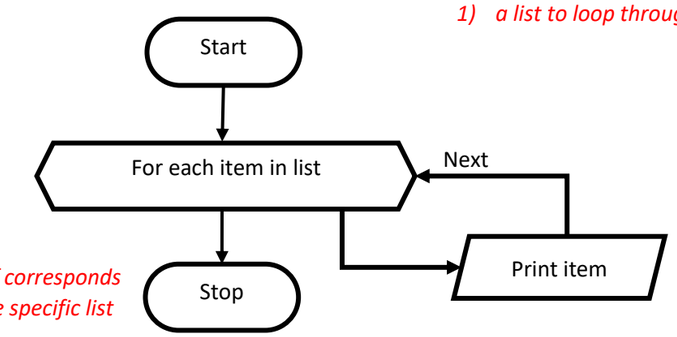
Needs 1 argument:
1) a reference (0 or 1) corresponding to an index



The procedure ref corresponds to the index of the specific list to be read from

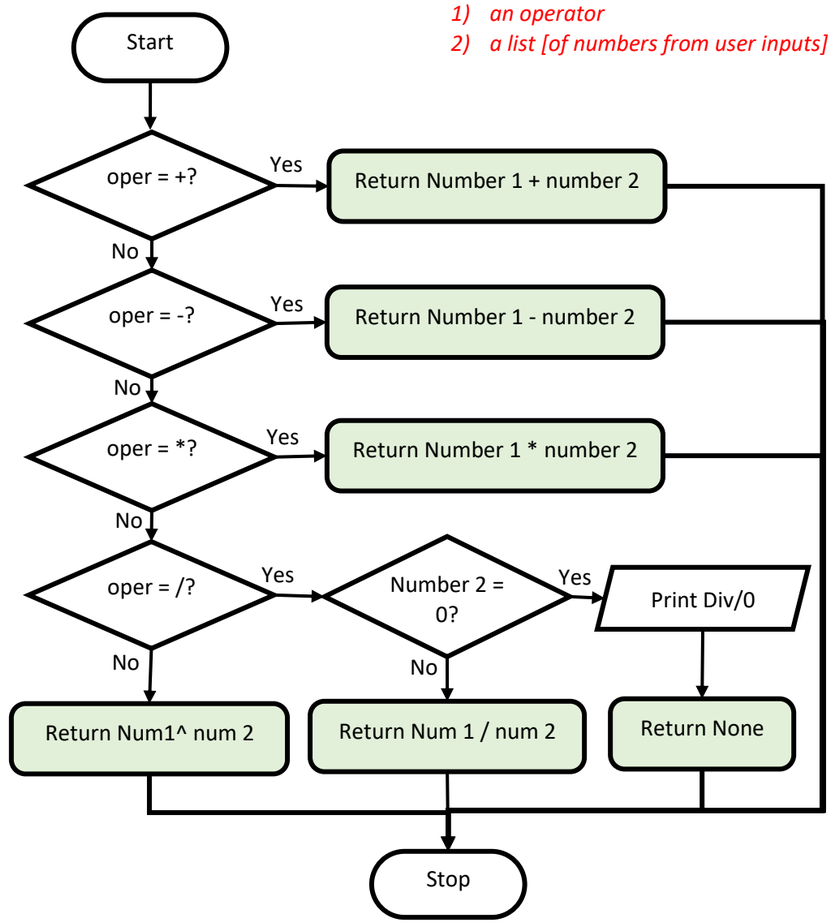
EMBEDDED PROCEDURE read_core

Needs 1 argument:
1) a list to loop through



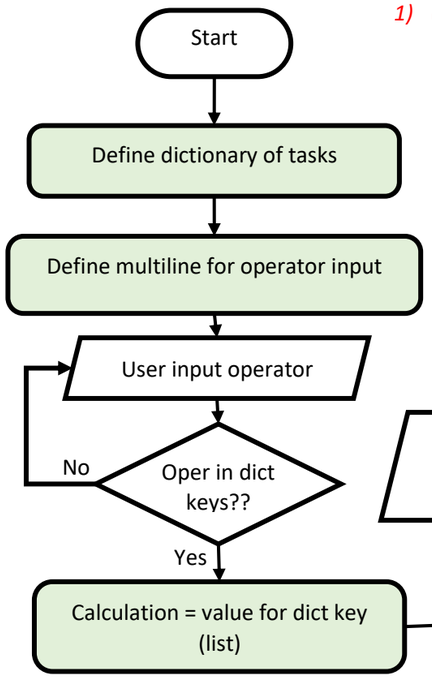
Embedded FUNCTION calculate

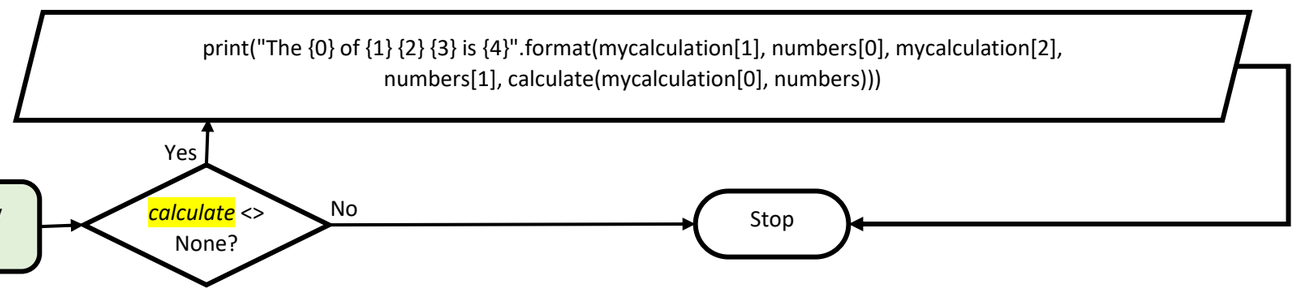
Needs 2 arguments:
1) an operator
2) a list [of numbers from user inputs]

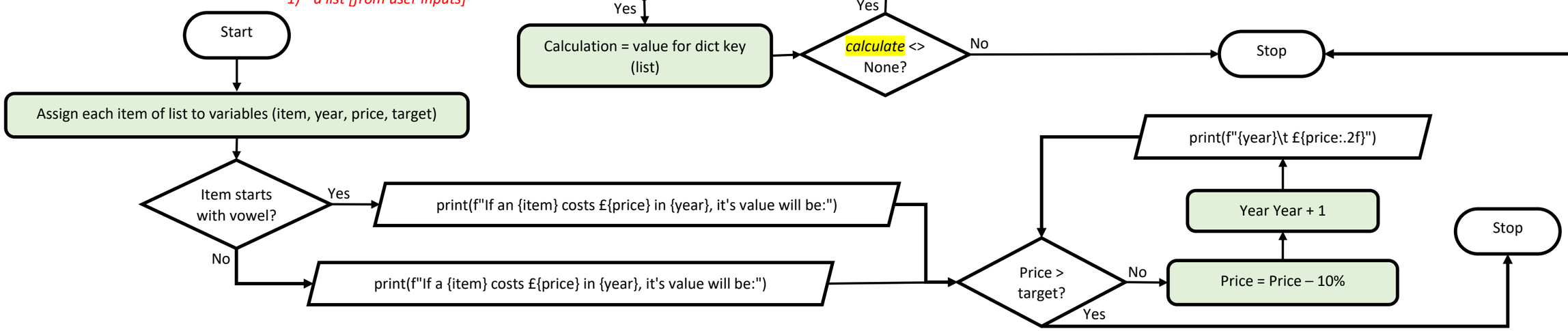


PROCEDURE mini_calculator

Needs 1 argument:
1) a list [of numbers from user inputs]





PROCEDURE show_depreciation

Needs 1 argument:
1) a list [from user inputs]